

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000674

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: D21H 21/14, D21H 17/72, D21H 17/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B31F, D21H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI DATA, EPO-INTERNAL, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	US 2004062907 A1 (LINDSAY ET AL), 1 April 2004 (01.04.2004), page 3, [0023], page 9, [0080], [0085], claims 22,27 --	1-16
X	US 5635028 A (VINSON ET AL), 3 June 1997 (03.06.1997), column 4; column 8, line 2 - line 9; column 19, line 18 - line 27	1-4,6-20
Y	--	5
Y	US 6179961 B1 (FICKE ET AL), 30 January 2001 (30.01.2001), column 2, line 18 - line 34 --	5

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

13 August 2004

Date of mailing of the international search report

17-08-2004

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PCT/SE 2004/000674

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6334931 B1 (DWIGGINS ET AL), 1 January 2002 (01.01.2002), page 29, table 16 -- -----	6,7

INTERNATIONAL SEARCH REPORT
Information on patent family members

03/07/2004

International application No.

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US 2004062907 A1 01/04/2004 NONE

US	5635028	A	03/06/1997	AT	195359	T	15/08/2000
				AU	709472	B	26/08/1999
				AU	5426396	A	07/11/1996
				BR	9608104	A	02/02/1999
				CA	2218557	A	24/10/1996
				CN	1082590	B	10/04/2002
				CN	1184516	A	10/06/1998
				CZ	9703311	A	17/06/1998
				DE	69609708	D,T	05/04/2001
				EP	0821750	A,B	04/02/1998
				SE	0821750	T3	
				ES	2148751	T	16/10/2000
				HU	9801180	A	28/08/1998
				JP	11504080	T	06/04/1999
				KR	264041	B	01/11/2000
				NO	974809	A	19/12/1997
				NZ	306095	A	29/06/1999
				TR	9701208	T	00/00/0000
				WO	9633310	A	24/10/1996
				ZA	9603101	A	24/10/1996

US	6179961	B1	30/01/2001	AT	235604	T	15/04/2003
				AU	752063	B	05/09/2002
				AU	9689698	A	27/04/1999
				BR	9813858	A	19/09/2000
				CA	2305546	A	15/04/1999
				CN	1281521	T	24/01/2001
				DE	69812672	D,T	23/10/2003
				EP	1023498	A,B	02/08/2000
				ES	2192338	T	01/10/2003
				HK	1030802	A	00/00/0000
				JP	2001519487	T	23/10/2001
				TW	396229	B	00/00/0000
				WO	9918289	A	15/04/1999
				ZA	9809019	A	08/04/1999

US	6334931	B1	01/01/2002	CA	2225642	A	23/06/1998
				DE	69728246	D	00/00/0000
				EP	0851061	A,B	01/07/1998
				TR	9701688	A	00/00/0000
				US	6033761	A	07/03/2000
				US	6068731	A	30/05/2000
				US	6143131	A	07/11/2000
				US	6277467	B	21/08/2001
				US	6328849	B	11/12/2001